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UTILITY

PATENT APPLICATION TRANSMITTAL

Attomey Docket No.	99024CIPDIV2 (3600-234-03)					
irst Inventor	HABECKER et al					

Title

METHOD OF MAKING NIOBIUM AND OTHER METAL DOWNERS

(Comy for new nonprovisional	applications under 37 C	CFR 1.53(b))	Expre	ess Mail La	bel No.	EV1477	19203US	Σ
APPLICAT See MPEP chapter 600 concern	ION ELEMENTS ning utility patent applicat	tion contențs.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
1. X Fee Transmittal Forn (Submit an original and a dup Applicant claims sma	licate for fee processing)		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)					
See 37 CFR 1.27.	•		(ii	<ol> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> </ol>				
3. X Specification (preferred arrangement set for		24	a.	c	omputer Re	eadable Forr	m (CRF)	
- Descriptive title of th - Cross Reference to - Statement Regarding - Reference to sequer or a computer progre - Background of the Ir - Brief Summary of the	,	b. Specification Sequence Listing on:						
<ul> <li>Brief Description of t</li> <li>Detailed Description</li> </ul>							CATION PARTS	
- Claim(s) - Abstract of the Discl	osure		9.		nment Pap R 3.73(b) St	•	heet & document(s)) Power of	
			10.		there is an a		Attorney	
4. X Drawing(s) (35 U.S.C	. 113) [Total Sheets	4 ]	11.	Englis	sh Translati	ion Docume	nt (if applicable)	
5. Oath or Declaration	[Total Sheets	4 )	12.		nation Discl ment (IDS)/		O Copies of IDS Citations	<b>;</b>
	ed (original or copy)	13. X Preliminary Amendment						
b. X Copy from a p	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
i. DELET	15.	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data She	Application Data Sheet. See 37 CFR 1.76							•••••
18 If a CONTINUING APPLICA or in an Application Data She			ly the re	quisite infor	nation belo	w and in a p	reliminary amendme	nt,
		nuation-in-part (CIP)	of prior application No.: 10/095,245					
Prior application information: Ex	•	Group Art 8		-41				
For CONTINUATION or DIVISIONA is considered a part of the disclosur only be relied upon when a portion	e of the accompanying conti	nuation or divisio	nal applic	ation and is h	ereby incorpo			
	19.	CORRESPONI	DENCE	ADDRESS				
Customer Number or Bai	r Code Label (Insert Cus	tomer No. or Attach	har code l	abel here)	or X	Correspond	dence address below	
Name N	Martha Ann Finnegan, Esq.							
C	Cabot Corporation							
Address 1	157 Concord Road							
City E	Billerica			State MA			01821-7001	
Country L	JSA	Telej	ohone	1-978-67	0-6198	Fax	1-978-670-8027	
Name (Print/type)	uke A. Kilyk	1	R	egistration N			33,251	
Signature	Sha/Kil	<u> </u>		and Associate Associated and a second	- Al-	Date 1	February 3, 2004	

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Stephanie Hill Name (Print)

PTO/SB/17 (10-03)

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## FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

$\sqcup'$	Applicant Claims small er	itity status. S	see 37 CFR 1.2	1
STAL	ARACHINIT OF DAVRENT	(\$) 13	346 00	

Complete if Known				
Application Number	Unassigned			
Filing Date	February 3, 2004			
First Named Inventor	HABECKER et al.			
Examiner Name	Unassigned			
Art Unit	Unassigned			
Attorney Docket No.	99024CIPDIV2 (3600-234-03)			

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)								
Check Credit card Money Other None			3. A	DDITIO	NAL F	EES						
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X Deposi	it Acc	count					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account Number	0	3-0060					1051	130	2051	65	Surcharge – late filing fee or oath	1
	Cat	oot Co	rporat	ion			1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	
_	nr is	author	rized to	o: (check all th	at anniv	)	1053	130	1053	130	Non-English specification	
		) indicate		X Credit ar	ny overpay	ments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
X Charge	any	additiona	fee(s) o	or any underpayme	ent of fee(s	)	1804	920*	1804	920*	Requesting publication of SIR prior to	
	•			except for the fi					4005	4.040*	Examiner action Requesting publication of SIR after	
J		•					1805	1,840*	1805	1,840*	Examiner action	
to the above-io	aei ia			LCULATIO	N		1251	110	2251	55	Extension for reply within first month	
				LCULATIO	IN.						, •	<u> </u>
1. BASIC	FIL	ING F	EE				1252	420	2252	210	Extension for reply within second month	
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Fee Fee Code (\$)	e	Fee Code	Fee (\$)	Fee Descrip	ption	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
	70	2001	385	Utility filing fee	e 「	770.00	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 34	40	2002	170	Design filing f	fee		1401	330	2401	165	Notice of Appeal	
1003 53	30	2003	265	Plant filing fee	e [		1402	330	2402	165	Filing a brief in support of an appeal	
	70	2004	385	Reissue filing			1403	290	2403	145	Request for oral hearing	
		2005	80	Provisional filir	· -		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
		1452	110	2452	55	Petition to revive - unavoidable						
SUBTOTAL (1) (\$) 770.00		1453	1,330	2453	665	Petition to revive – unintentional						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			1501	1,330	2501	665	Utility issue fee (or reissue)					
				Fe	ee from below	Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims	, [	52 -20	)**= [	32 x 18	8.00 =	576.00	1503	640	2503	320	Plant issue fee	
Independent Claims	t	3 - 3	••₌	0 ×	=		1460	130	1460	130	Petitions to the Commissioner	
Multiple Dep	end	ent	_		=		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entit	ty	Small	Entity				1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Code (\$)	e	Fee Code	Fee (\$)	Fee Descri	ption		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202	18	2202	9	Claims in exc	ess of 2	0	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1201	86	2201	43	Independent of	claims in	excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1203 29	290 2203 145 Multiple dependent claim, if not paid			1801	770	2801	385	Request for Continued Examination (RCE)				
1204	86	2204	43	***			1802	900	1802	900	Request for expedited examination of a design application	
1205	18	2205	9	**Reissue cla and over or								
SUBTOTAL (2) (\$)576.00 Other					Other	fee (spe	cify)					
			*Reduc	ced by Bas	sic Filing	Fee Paid	SUBTOTAL (3) (\$)					

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Luke A. Kilyk	Registration No. (Attorney/Agent)	33,251	Telephone	1-540-428-1701
Signature	La C. Kill			Date	February 3, 2004

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Stephanie Hill	Stephanic Hell
Name (Print)	Signature